

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY DOCKET NUMBER PCT/PTO 02 FEB 2005
58763.000029

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

10/522879
To Be Assigned

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/IB2003/003936	July 25, 2003	August 2, 2002

TITLE OF INVENTION

METHODS AND COMPOSITIONS FOR IN VITRO SYNTHESIS OF BIOLOGICAL MACROMOLECULES IN A CELL-FREE SYSTEM ENRICHED WITH ATP-SULFURLASE

APPLICANT(S) FOR DO/EO/US

Lyubov RYABOVA, Jean-Michel MASSON

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. The US has been elected (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau..
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

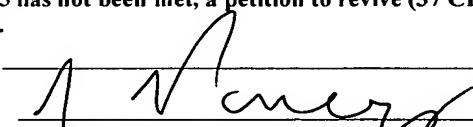
11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An Assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A Preliminary Amendment.
14. An Application Data Sheet under 37 CFR 1.76.
15. A substitute specification.
16. A power of attorney and/or change of address letter.
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18. A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. Other items or information:

Unexecuted Declaration and Appointment of Power of Attorney

Abstract

Copy of the International Preliminary Examination Report including attached Annexes (Amendments to claims under Article 34)

International Search Report (included with above-indicated second copy of published International Application)

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.7) To Be Assigned 10/522879		INTERNATIONAL APPLICATION NO. PCT/IB2003/003936	ATTORNEY'S DOCKET NUMBER 58763.000029																				
<p><input checked="" type="checkbox"/> The following fees are submitted:</p> <table> <tr> <td><input checked="" type="checkbox"/> a) Basic National Fee</td> <td>\$ 300.00</td> <td colspan="2">CALCULATIONS PTO USE ONLY</td> </tr> <tr> <td><input type="checkbox"/> b) Examination Fee</td> <td>\$ 200.00</td> <td>\$ 300.00</td> <td></td> </tr> <tr> <td><input type="checkbox"/> c) Search Fee</td> <td>\$ 400.00</td> <td>\$ 200.00</td> <td></td> </tr> <tr> <td colspan="2">TOTAL OF ABOVE CALCULATIONS</td> <td>\$ 400.00</td> <td>\$ 400.00</td> </tr> <tr> <td colspan="2"></td> <td>\$ 900.00</td> <td>\$ 900.00</td> </tr> </table>		<input checked="" type="checkbox"/> a) Basic National Fee	\$ 300.00	CALCULATIONS PTO USE ONLY		<input type="checkbox"/> b) Examination Fee	\$ 200.00	\$ 300.00		<input type="checkbox"/> c) Search Fee	\$ 400.00	\$ 200.00		TOTAL OF ABOVE CALCULATIONS		\$ 400.00	\$ 400.00			\$ 900.00	\$ 900.00		
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<input type="checkbox"/> c) Search Fee	\$ 400.00	\$ 200.00																					
TOTAL OF ABOVE CALCULATIONS		\$ 400.00	\$ 400.00																				
		\$ 900.00	\$ 900.00																				
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction																							
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																				
- 100	/50		x \$250.00	\$																			
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$																			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$																			
Total claims	22 =	2	x \$ 50.00	\$ 100.00																			
Independent claims	5 =	2	x \$200.00	\$ 400.00																			
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$																			
TOTAL OF ABOVE CALCULATIONS =				\$ 1400.00																			
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$																			
SUBTOTAL =				\$ 700.00																			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$																			
TOTAL NATIONAL FEE =				\$ 700.00																			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$																			
TOTAL FEES ENCLOSED =				\$ 700.00																			
		Amount to be refunded:		\$																			
		Amount to be charged:		\$																			
a. <input checked="" type="checkbox"/> A check in the amount of <u>\$700.00</u>	to cover the above fees is enclosed.																						
b. <input type="checkbox"/> Please charge Deposit Account No. <u>50-0206</u>	in the amount of <u>\$</u> to cover the above fees.																						
A duplicate copy of this sheet is enclosed.																							
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-0206</u>	A duplicate copy of this sheet is enclosed.																						
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																							
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.																							
SEND ALL CORRESPONDENCE TO:																							
CUSTOMER NO. 21967 Intellectual Property Department Hunton & Williams LLP 1900 K Street, N.W.; Suite 1200 Washington, DC 20006-1109 (202) 955-1500 (telephone) (202) 778-2201 (facsimile)																							
 SIGNATURE Jessica L. Parezo NAME 50,286 REGISTRATION NUMBER		February 2, 2005 DATE																					